

CLAIMS

What is claimed is:

1. Methods and chemical formulations utilizing NPB(n-propyl bromide) as non-aqueous carrier mediums to apply fluorocarbons and other chemicals to substrates, whereby the NPB is evaporated away leaving the remaining chemicals on the substrate.

2. Formula as set forth in claim 1, Fluorine-containing compositions for oil-, water- and soil-repellant treatment of substrates, comprising two components A (NPB) and B (fluorine-containing copolymer) which comprises, based on the total weight of A, the following weight contents of comonomer (B):

.002 to 50% by weight of (meth) acrylates containing perfluoroalkyl groups, of the formula



3. Formula as set forth in claim 2, whereby treatment of substrates, comprising two components A (NPB) and B (other fluorine-containing compounds) which comprises, based on the total weight of A, the following weight contents of comonomer (B):

.002 to 40% by weight of component A

4. Formula as set forth in claim 3, whereby treatment of substrates, comprising two components A (NPB) and B (Ultraviolet light inhibitor compound) which comprises, based on the total weight of A, the following weight contents of comonomer (B):

.002 to 20% by weight of component A

5. Formula as set forth in claim 4, whereby treatment of substrates, comprising two components A (NPB) and B (Antistat compounds) which comprises, based on the total weight of A, the following weight contents of comonomer (B):

.002 to 10% by weight of component A

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6. Formula as set forth in claim 5, whereby treatment of substrates, comprising two components A (NPB) and B (Foaming compounds) which comprises, based on the total weight of A, the following weight contents of comonomer (B):

.002 to 18% by weight of component A

7. Formula as set forth in claim 6, whereby treatment of substrates, comprising two components A (NPB) and B (Antibacterial compound)

which comprises, based on the total weight of A, the following weight contents of comonomer (B):

.002 to 15% by weight of component A

8. Formula as set forth in claim 7, whereby treatment of substrates, comprising two components A (NPB) and B (softening and hand building compound) which comprises, based on the total weight of A, the following weight contents of comonomer (B)

.002 to 20% by weight of component A

9. Formula as set forth in claim 8, whereby treatment of substrates, comprising two components A (NPB) and B (resin compounds) which comprises, based on the total weight of A, the following weight contents of comonomer (B):

.002 to 80% by weight of component A

10. Formula as set forth in claim 9, whereby treatment of substrates, comprising two components A (NPB) and B (Urethane) which comprises, based on the total weight of A, the following weight contents of comonomer (B)

.002 to 12% by weight of component A

11. Formula as set forth in claim 10, whereby treatment of substrates, comprising the single component A(NPB) being used as scouring agent.

12. A method for applying formulas set forth in claims 2 through 11 with a substrate, comprising the acts of padding ; applying the chemical mixture with the substrate forming a wet substrate; and removing the non-aqueous solvent from the wet substrate, leaving a substrate with remaining chemical solution.

13. Method as set forth in claim 12, where by formula set forth in claims 2 through 11 are foamed onto substrate.

14. Method as set forth in claim 13, where by formula set forth in claims 2 through 11 are sprayed onto substrate.

15. Method as set forth in claim 14, where by formula set forth in claims 2 through 11 are coated onto substrate.